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PARK'S FLORAL MAGAZINE

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 Address all advertising communications to THE C. E. ELLIS CO., Advertising Managers,
 713-715 Temple Court, New York, N. Y.

Bulbs Without Money or Price!

I want testimonials for my New Floral Guide, and offer bulbs for them as follows: 10 splendid named Dutch Hyacinths all colors, suitable for house or garden culture. 10 splendid named Tulips, Single Early, all colors, hardy. 4 splendid named Double Tulips, scarlet, white, rose and yellow. 3 splendid Parrot Tulips, in three best varieties, elegant, large, fringed flowers.

These 27 fine bulbs—the choicest Hyacinths and Tulips in cultivation—will be mailed in payment for the trouble of writing and sending me three testimonials upon three different flowers, written on three separate sheets of paper, accompanied in every case by a five-year subscription to *Park's Floral Magazine*, 50 cents. No testimonials will be accepted unless accompanied by a five-year subscription, and all must be truthful, brief, and written from practical knowledge, each recommending some particular flower. Following is a list of subjects, but others may be treated if preferred. Write of the rare or uncommon flowers, to avoid duplication and promote variety.

Acaena lorhabata, *armata*, *ceribeta*; *Aclimera*, *Achnia*, *Athierema grandiflorum*, *Agatheae coelestis*, *Ageratum*, *Alonsoa*, *Alyssum*, *Arclusa*, *Arenone*, *Angelonia*, New large-flowered *Antirrhinum*, *Abutilon*, *Amoranthus* quadricolor, *Bedding Asteis*, *Crown Asteis*, *Conet Asteis*, *Lilliput Aster*, *Perfection Aster*, *Silver Cloud Aster*, *Triumph Aster*, *Victoria Aster*, *Canella-flowered Palsems*, *Pegonia Tuberosa*, *Fibrous Bedding Pegonia*, *Begonia gracilis*, Large Double Daisies, New *Browallia*, *Eryonia alba*, *Bryonopsis laciniata*, *Calceola*, *Hybrid Calandula*, *Calliopsis*, *Campanula fragilis*, *Campanula pyramidalis*, *Campanula Calycanthema*, *Cardiospermum*, *Canary Creeper*, *Capsicum Mixed*, *Cannabis*, *Canna*, *Caryopteris*, *Coccyb.*, *Celosia plumosa*, *Celosia*, *Monstrosus*, *Centaurea*, *Cerastium biebersteinii*, *Chrysanthemum Annual*, *Chrysanthemum Perennial*, *Chrysanthemum Morning Star*, *Cineraria hybrida*, *Cineraria double*, New *Clackia Morning Glory*, *Clay-codium argenteum*, *Cobaea*, *Coleus*, Early *Cosmos*, *Pimula Veils*, *Cyclanthera exploders*, *Dahlia single and double*, Dwarf Margaret *Carnation*, *Delphinium elatum hybridum*, Sweet *William*, *Melmaison Carnation*, Double *Japan Pinks*, Single *Japan Pinks*, Everblooming *Garden Pink*, *Dolichos*, *Calampelis*, *Epilobium hisutum*, Dwarf *Erysimum*, *Eschscholtzia*, *Eucalyptus citriodora*, *Eupatorium altissimum*, *Euphorbia heterophylla*, *Perennial Pea*, *Fernia tingitana*, *Eupatorium serotinum*, *Gaillardia grandiflora compacta*, *Gazania hybrida*, *Genista Andrevola*, *Fuchsia*, *Gilia dichotoma*, *Godetia Gloxina*, *Gomphrena*, *Grevillea*, *Gunnera*, *Gysophylla paniculata*, *Hedychium*, *Helianthus Bismarckianus* (enormous single flowers), *Heliotropium large-flowered*, *Heterospermum*, *Huchera*, *Hibiscus Primrose*, *Humulus variegatus*, *Giant Candytuft*, *Impatiens sultani*, *Ipcmoea grandiflora*, *Japanese*, *Sanguinea*, *Morning Glory*, *Kuhnia*, *Courds in Variety*, Sweet *Peas*, *Lavatera*, *Leptosyne stillmani*, *Leucanthemum nipponicum*, *Luffia acutangula*, *Perpetual Lobelia*, *Liraria*, *Kenilworth Ivy*, *Lupinus nolyphylus*, *Malva moschata*, *Melocaria golden ball*, *Maurandya*, *Michauxia campanulata*, *Mimulus*, *Prize*, *Mina lobata*, *Morordica involucrata*, *Myosotis dissitiflora*, *Ocimum*, *Oenothera*, *Geranium*, *Pentstemon*, *Petunia bedding*, *Petunia double*, *Petunia Fringed*, *Phlox hortensisiflora*, *Phlox perennal*, *Physalis*, *franchesi*, *PolYGONUM multiflorum*, *Poinciana*, *Platycodon*, *Polypteris*, *Portulaca single and double*, *Primula sinensis*, large-flowered, *Primula sinensis double*, *Ipomoea Kerberi*, *Pyrethrum roseum*, *Roseda odorata*, *Ruellia tuberosa*, *Rhinus* in bed, *Rudbeckia bicolor superba*, *Salvia splendens grandiflora*, *Scabiosa large-flowered*, *Schizanthus retusus*, *Senecio elegans*, *Little Gem Solanum*, *Stapelia*, *Statice latifolia*, *Scarigold*, *French African*, Dwarf, *Tecoma Smithi*, *Thunbergia*, *Torenia large-flowered*, *Trichosanthes*, *Trojanum Lobbianum*, *Lilliput*, Dwarf, *Bedding Verbenas*, Tufted *Pansies*, Sweet *Violets*, *Pansies*, *Stocks*, *Zinnias*, *Salpiglossis*, *Pennisetum runellianum*, *Cyperus alternifolius*, *Cyperus papyrus*, *Panicum excurrens*, New Variegated *Zea*, *Cyclamen*, *Freesia*, *Baby Primrose*, *Primula obconica*, *Kudzu Vine*, *Polygonum cuspidatum*, *Lantana*, Dwarf, *Sanonaria ocrumoides*, *Digitalis*, *Aquilegia*, *Nemesis strumosa*, *Hardy Primrose*, *Shirley Poppies*, *Fragrant Valerian*, *Parisian Wallflower*, *Aubrietias*, *Hollyhocks*, *Rocket*, *Asparagus plumosus*, *Asparagus sprengeri*, *Smilax*, etc., etc. Write of the rare subjects, if you know them.

Don't fail to send the three testimonials with your subscription if you want these choice bulbs. They are not sent as a premium, but in payment for your trouble of writing the testimonials. No testimonials will be accepted, however, unless accompanied by a subscription, 50 cents, for yourself or a friend. Please be prompt. This offer will not be repeated and will be void after December 15, 1901. The testimonials reaching me after that date will be too late for use.

GEO. W. PARK, B. Sc., Editor & Publisher, Libonia, Pa.

If you cannot send the testimonials I will send the bulbs for a five-year subscription to the Magazine (50 cents) and 50 cents additional, (\$1.00.) Order before the New Year.



FREE

HAVING purchased from a firm retiring from business their entire stock of watches, consisting of solid gold, silver and gold-laid

cases, we shall offer a portion of the lot on terms never before heard of in the Watch trade. Among the stock are **American Style Watches in Gold-Laid Cases**, which we shall give to agents as premiums for selling 18 pieces of our jewelry at 10 cents each. Each and every watch is **Guaranteed a Perfect Timekeeper**, and each watch is accompanied with our **Guarantee for 20 Years**. Think of it! A genuine American Style Movement Watch, in gold-laid case, and **Guaranteed for 20 Years**. Those wanting a first-class, reliable timekeeper should order at once. Watch speculators can make money with these watches. They are brand-new, without a scratch or tarnish on them just as they leave the workmen's hands, oiled, adjusted and timed, ready for instant wear. They contain all the latest and best improvements, are reliable timekeepers, and last a lifetime. Our watches are superb. **Every Movement Guaranteed or Money Refunded.** Fitted in a heavy, Gold-Laid Case, and guaranteed for 20 years. They are honestly worth more money. If you doubt this, send simply your name and address and we will forward you one **Without One Cent Expense to You**, if you sell 18 pieces of our jewelry at 10 cents each. **Do You Want a Watch** that runs and keeps good time? This watch has a gold-laid case, handsome dial, dust-proof, adjusted to position, patent escapement and highly finished. **This is a Remarkable Watch.** We guarantee it, and with proper care it should wear and give satisfaction for 20 years. The movement is an **American Style**, expansion balance, quick train, and you can rely upon it that when you own one of these watches you will at all times have the correct time in your possession. Do you want a watch of this character? If so, now is your opportunity to secure one. **We Give It Free** as a premium to anyone selling 18 pieces of our handsome jewelry for 10 cents each. Simply send your name and address and we will send you the 18 pieces of jewelry postpaid. When sold, send us the \$1.80, and we will send you the handsome gold-laid watch. We trust you, and take all you cannot sell. We propose to give away these watches simply to advertise our business. No catch-words in this advertisement. **We Mean Just What We Say.** You require no capital while working for us. N.B.—We will send your watch, all charges prepaid, when you send us the money for the jewelry.

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FREE



\$1,000.00 IN GOLD FREE!



evening, but it will pay you to **STICK TO IT AND TRY TO GET YOUR SHARE OF THE \$1,000.00.** A sample copy of our **MAGAZINE WILL BE SENT FREE** to everyone answering this advertisement. Try to solve this puzzle. Do not delay. Send your answer in immediately. We positively guarantee that this Missing Parrot can be found. Of course, like all problems, it will require some thought, patience and time. But the reward is well worth striving for, especially when we do not ask you to send us any money with your answer. The golden prizes of life are being gained by brains and energy nowadays. Lazy people and the drones and idlers are always complaining of bad luck. Now here is a **GOLDEN CHANCE** for anyone who will strive hard, and the pleasing part of it is that it does not cost you one cent outside of the letter you send us. Our magazine will please you. It delights us to please our readers. We are continually giving away large sums of money in different contests, as we find it is the very best kind of advertising. **Try and Win.** If you find the parrot and send the slip with it marked thereon to us at once, *who knows* but what you will get the gold? Anyway, *we do not want any money from you, and a puzzle like this is very interesting.* As soon as we receive your answer we will at once write you and you will hear from us by return mail. We hope you will try for it, as *we shall give the \$1,000.00 away anyway.* Do not delay. Write at once. Address **THE ROBINSON PUB. CO., 22 NORTH WILLIAM ST., NEW YORK CITY.**

BACK VOLUMES.

Until further notice I will supply back, unbound volumes of Park's Floral Magazine from 1890 till 1901, except 1891, at 25 cents per volume, or, if a full set is ordered the volume for 1891, and the volumes for 1889 and 1889, of which I have but a few copies, will be included at same price, 25 cents each. If ordered alone the three volumes specified will be 50 cents each, till sold. The volumes are all indexed, and are an Encyclopedia of floral and botanical information. Address **GEO. W. PARK, Libonia, Pa.**

AGENTS WANTED to take subscriptions for **PARK'S FLORAL MAGAZINE.** Liberal cash terms. Address **GEO. W. PARK, Publisher, Libonia, Franklin Co., Pa.**

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THE PARROT HAS ESCAPED FROM THE CAGE.—TRY TO FIND HIM

Boys and girls over twelve years of age who will cut out this picture and mark plainly with pencil or pen the missing bird (if they can find it) **MAY SHARE IN THE DISTRIBUTION OF \$1,000.00 WHICH WE ARE GIVING AWAY IN FIVE MONTHLY PREMIUMS** for doing a little work for us. This is a contest where both brains and energy count. We are determined to make the name of our charming monthly magazine a household word, and we take this novel plan of advertising. This and other most liberal offers are made to introduce one of the most entertaining New York magazines into every home of the United States and Canada. **WE DO NOT WANT ONE CENT OF YOUR MONEY.** There is only one condition, which should take less than one hour of your time, which we will write you as soon as your answer is received. **After you have found the missing parrot, send it to us at once.** It may take an entire evening, but it will pay you to **STICK TO IT AND TRY TO GET YOUR SHARE OF THE \$1,000.00.** A sample copy of our **MAGAZINE WILL BE SENT FREE** to everyone answering this advertisement. Try to solve this puzzle. Do not delay. Send your answer in immediately. We positively guarantee that this Missing Parrot can be found. Of course, like all problems, it will require some thought, patience and time. But the reward is well worth striving for, especially when we do not ask you to send us any money with your answer. The golden prizes of life are being gained by brains and energy nowadays. Lazy people and the drones and idlers are always complaining of bad luck. Now here is a **GOLDEN CHANCE** for anyone who will strive hard, and the pleasing part of it is that it does not cost you one cent outside of the letter you send us. Our magazine will please you. It delights us to please our readers. We are continually giving away large sums of money in different contests, as we find it is the very best kind of advertising. **Try and Win.** If you find the parrot and send the slip with it marked thereon to us at once, *who knows* but what you will get the gold? Anyway, *we do not want any money from you, and a puzzle like this is very interesting.* As soon as we receive your answer we will at once write you and you will hear from us by return mail. We hope you will try for it, as *we shall give the \$1,000.00 away anyway.* Do not delay. Write at once. Address **THE ROBINSON PUB. CO., 22 NORTH WILLIAM ST., NEW YORK CITY.**

QUESTION ANSWERED.

Mr. Park:—I enclose a little flower, the name of which I do not know, but you will probably recognize it. Will you kindly send me its name. The one little plant has been very valuable to me this summer, little sprays have gone to many a sick person, and they last so long. They have brought much pleasure to others, and I feel that another year I would like a large bed of it.

Mrs. David Anderson.

Allen Co., Ohio, Sept. 21, 1901.

[NOTE.—The flower inquired about is Schizanthus.—ED.]

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OAK CHAIR.

This chair is of solid oak (not stained) with a highly polished antique finish, handsomely carved and turned, and an embossed leather (cobbler's) seat. It is large and very strong; will last a life-time, and is well worth \$5 of anybody's money. Order one quick and let us prove our statement. **FREE** for selling one dozen Hold Fast Skirt Supporters.

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This set, consisting of 6 knives, 6 forks, 6 table-spoons, 6 teaspoons, butter knife, sugar shell and pickle fork, is packed in a tasty velvet-covered cabinet, satin-lined, and makes a beautiful display in a china closet or sideboard. Our reputation for good premiums only is behind the quality of the plating. The design is the very latest copy of solid silver. This set will make a very nice present for your lady. **FREE** for selling one dozen Hold Fast Skirt Supporters.

Oak Chairs, Smyrna Rugs, Silver Sets, Tea Sets and One Hundred

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These handsome and useful premiums given **Absolutely Free** to you for introducing to your friends our great "**Hold Fast**" Waist and Skirt Supporter, which is the only *automatic* supporter yet invented. *Requires no sewing on of hooks, buttons or anything else.* All that is necessary is to put the Supporter on and it "*does the rest.*" It is what everybody is looking for. Every lady and girl in the land needs one. Every Supporter sold brings two more customers. They only cost **35 cents**, so are within the reach of everybody. *We do not ask you to invest one cent of your money.* If you would like to get one or more of our handsome premiums for using a few moments of your time in our interest, all that is necessary to do is to write, saying you would like to earn a premium. We will then send you, charges paid, the Supporters. When you have sold them you send us the money and obtain your premium, *which we send to you freight charges prepaid anywhere in the United States.* So, from first to last, you do not invest a penny of your own money. You take no risk. We trust you with our goods and take back what you can't sell. We have premiums for selling one-half dozen up to one gross.

large premium list with first lot, containing too offers, all useful as well as ornamental, and we wish you especially to note that when you have earned the premium it is sent to you *prepaid*, if you live in the U. S., so you are actually cut only your time. Such an offer has never been made before. Better write us to-day, and be the first to show the great invention in your town. Address this way:

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Dept. P,

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NOTE. If you would like to see our Supporter before ordering a quantity, we will send you one, postage paid on receipt of 35 cents in stamps.

Your credit is good with us. We trust you.



SMYRNA RUG.

Our rug is 2 ft. 6 in. wide, 5 ft. long, fringed ends, both sides alike. They are genuine Smyrnas, which is a guaranty of the fastness of the colors and the beauty of design. Order one and you will want more. **FREE** for selling one dozen Hold Fast Skirt Supporters.

Over 1,000,000 ladies now wear the Hold Fast Skirt Supporter.

LARGE CATALOGUE OF PREMIUMS MAILED WITH EVERY ORDER.



32-PIECE TEA SET.

Consists of 6 plates, 6 cups, 6 saucers, teapot and lid, sugar and lid, 2 bread plates, 6 sauce dishes, cream pitcher, slip bowl—total, 32 pieces. Handsomely decorated as shown above. The value of this offer is apparent to all well-posted merchants and makes it unnecessary for us to say anything further, except that: **FREE** for selling two dozen Hold Fast Skirt Supporters.

PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. XXXVII.

Libonia, Pa., November, 1901.

No. 11.

FLOWERS.

To the weary one, they give sweet rest,
The sick at heart by them are blest;
To many, who afar do roam,
They bring sweet thoughts of childhood's home.
Sullivan Co., Ind. Miss Aleath Carson.

ABOUT HYACINTHS.

HYACINTHS have been known and cultivated in Europe for centuries, and are celebrated in poetry and in prose. The name, *Hyacinthus*, is of Greek origin, and the species from which our beautiful Dutch and Italian varieties originated are found growing in various parts of Southern Europe.

The bulbs are entirely hardy, and the proper time to buy and plant them is in autumn. They are alike valuable for culture in both window and garden. The single-flowered varieties are the most graceful, showy and beautiful, and are to be preferred either for indoor or out-door culture. They vary considerably in size and breadth of petals, their recurring, and their coloring, while some varieties produce dense, crowded, broad spikes, while others are long and narrow. The flowers are always of waxy texture, and of exquisite shades of red, white, pink and blue, while the perfume is never faint, and ever pleasing.

The bulbs are always sure to bloom, if potted or planted before winter sets in, but it is better not to defer the matter. The finest spikes of bloom are produced by bulbs that are given sufficient time to get well-rooted before blooming time is at hand.

For the house get only the single-flowered varieties and pot them firmly in light, rich soil, allowing the crown of the bulb

to protrude above the surface. See that the drainage is good. After potting water thoroughly and set the pot or pan in a dark, moderately warm place for from three to six weeks, until the roots are well developed, then bring the bulbs gradually to the light, as wanted. They will usually make but little top growth while in the dark, and if the growth is to be particularly retarded set the pots in a place just below the frost point, after roots are developed. By bringing to the light at different periods a collection of a dozen or more

will furnish flowers for several weeks. The bulbs may also be grown in water, but soil culture is preferable. The chief thing in water culture is to avoid letting the water touch the base of the bulb, which often causes decay. The evaporation from the water is sufficient to draw out the roots.

For an out-door display in the spring, prepare a rich, oval or raised bed and set the bulbs about five inches apart and four or five inches deep, firming the soil after setting by tramping. If the ground is not wet and clammy you cannot tramp it too thoroughly. A sunny situation is preferable, especially if the bulbs are to remain in the bed for several years, as a shady place is sometimes too moist in summer, preventing the ripening of the bulbs and causing decay. The smaller



SINGLE HYACINTH SPIKE.

bulbs are more desirable than the larger ones, for they will enlarge and improve for several years, while the larger ones will degenerate or decay. If planted late a covering of stable manure will prevent freezing, and encourage the growth of roots before severe cold reaches the bulbs and retards development.

Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.

GEO. W. PARK, Editor and Publisher,

LIBONIA, FRANKLIN COUNTY, PA.

CIRCULATION.—The actual circulation, proven when required, is 350,000 copies monthly. No free distribution to promiscuous lists of names. Advertising offices 713-718 Temple Court, New York, N. Y., The C. E. Ellis Company, Managers, to whom all communications about advertising should be addressed.

SUBSCRIPTION PRICE, 25 cents a year, prepaid.

THE EDITOR invites correspondence with all who love and cultivate flowers.

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NOVEMBER, 1901.

Sowing Pansy Seeds.—When the bed is spaded and raked cover it to the depth of two inches with sifted woods earth that will not bake or get hard. Press the surface even with a block or piece of board, and press rows about four inches apart to the depth of an eighth inch. In those rows sow the seeds thinly and cover with finely sifted soil till the row is full, then press with the block or board again until the surface is firm and level. When this is completed lay a piece of coarse sacking or cloth over and water the bed. Remove the cloth when the seeds begin to germinate, which will be in from eight to twelve days.

Cyperus alternifolius.—This is an aquatic plant, and while growing may be watered abundantly. Keep it dryer in winter. Its propagation is easily effected by seeds, which should be sparingly covered, and the soil kept moist and warm till the plants appear, which will be in about ten days. In dryer soil germination will not take place till from twelve to twenty days. The plants may also be safely increased by division of the large plants. Keep the little plants well watered after potting, to encourage their growth.

Fertilizer for Palms.—A teaspoonful of aqua ammonia to two quarts of water is a good fertilizer for Palms. Apply once a week during the growing period. When the plants are semi-dormant avoid fertilizing and free watering. The use of Castor oil as a fertilizer is not generally regarded as beneficial, as it clogs the soil, and prevents the air and moisture from penetrating it.

Violets.—To keep the Violet bed within bounds surround it by a board frame sunk in the ground till the boards are almost even with the surface. The same means may be used to confine other plants of spreading habit.

HYACINTHS AND TULIPS.

A VERY attractive bed of spring flowers may be enjoyed by planting Hyacinths and Tulips together. The Hyacinths spring up early, almost as soon as the snow disappears, and as their delicious, waxy blooms fade the Single Early Tulips will develop, followed by the Double and Parrot varieties. A prolonged season of bloom can thus be obtained from a small bed.

Following is a simple arrangement for planting ten Hyacinths, ten Single Early Tulips, four Double Tulips and three Parrot Tulips:

	H	S	H	S	H
S		D		S	
	H	P		H	
S		D		S	
	H	S		H	

These bulbs can be planted in a bed three feet long and two and a half feet broad. H represents the Hyacinths; S the Single Early Tulips; D the Double Tulips, and P the Parrot Tulips.

In planting prepare the bed by deep spading, and enriching with well-rotted manure from the cow yard. Then spread a layer of sharp sand half an inch deep, and press rows five inches apart the long way, using a piece of board with a straight edge. This done, press rows five inches apart the short way, and set the Hyacinths as indicated. Between the Hyacinths in the central row set the three Parrot Tulips, and at each side of the central Hyacinths place the Double Tulips. Now fill in the Single Tulips as indicated in the diagram. When all placed cover with a layer of four inches of soil, tramp it firmly, and throw over all a few forkfuls of stable litter.

Such a bed, though small, and costing but a few cents, will yield a beautiful display of gay flowers in the spring, and afford to all who see it untold pleasure for weeks during the early spring, when other garden flowers are scarce.

Gladiolus Bulbs.—The large bulbs of Gladiolus usually produce two or more new bulbs during the season. Occasionally a bulb will be of such a free-blooming nature that its substance will be exhausted blooming. Such bulbs will deteriorate, and unless care is taken the variety may be lost. It is always well to keep the bulbets found at the roots when the bulbs are lifted, and plant them the next season. Before planting these remove the hard outer shell, to promote quick growth and early maturing.

NON-BLOOMING CALLA.

WHEN a winter-blooming Calla ceases to produce flowers bed it out in a moist, shady place in the spring, and let Nature care for it during summer. In the fall lift and pot it, and keep in the cellar, sparingly watered until the next spring, then bed out again. Two or three seasons of this treatment will develop the tubers until they will make fine non-blooming pot plants.

Tin Cans.—Many plants, in a warm, dry room, do better in tin vessels than in earthen ones. Primroses, Callas, Vincas and Geraniums, especially, thrive and bloom more freely in such receptacles. That the plants may be syringed or washed the tin vessels should be painted rather than papered, unless the paper can be often renewed. Some persons dress these receptacles with fancy papers placed loosely around them and secured with a narrow ribbon. These coverings are removed before the plants are given their weekly bath, and afterward replaced.

Day Lilies.—The Day Lily, *Funkia grandiflora*, rarely fails to bloom when the plants become strong and well established. The plants thrive in a rich, tenacious clay soil, partially shaded. When they fail to bloom it would be well to apply a dressing of ground bones about them, or remove them to a place having a different soil and exposure from that occupied.

Geranium Fungus.—The leaves of Geraniums are sometimes attacked by a fungus, which appears as brown spots, and spreads until the foliage turns brown and drops off. There is no effectual remedy. Gather the diseased leaves as soon as the disease shows, and burn them, and cut away branches that are seriously affected. The spread of the disease will thus be avoided.

Lily of the Valley.—These delight in a rich, moist soil and partial shade, but usually bloom more freely in a poorer, dryer and more exposed place. Keep the bed free from grass. The plants often grow and bloom freely in a densely shaded situation. When plants are unsatisfactory in bloom it is well to change their place to a different soil or exposure.

Hyacinths.—Bulbs that are large and sound, even though forced last winter, will bloom in the house this season, if repotted, watered and kept in a dark place till well rooted. If the bulbs have split up into bulblets, or are light and spongy, they should be bedded out. They are not worth caring for in pots.

ABOUT COLLINSIA.

AMONG hardy annuals the *Collinsias* deserve a prominent place because of their attractiveness and beauty. The species are mostly natives of the United States, and are suited to our climate. The seeds should be sown in the fall early enough for the plants to become established and able to endure the winter.



Growth will then be resumed in early spring, and the flowers in whorls, as shown in the little engraving, will soon appear in great profusion. The plants branch freely and bear their whorls of bloom in the axils, so that each plant becomes a pyramid of rich bloom, continuing for five or six weeks to enrich the garden border. The name, *Collinsia*, was given to the genus in honor of Zaccheus Collins, once Vice President of the Academy of Sciences of Philadelphia. It is a near relative of the *Pentstemon*, and belongs to the natural order *Scrophulariceae*.

Passion Vine.—The Passion Vine likes plenty of soil in which to develop and bloom. As a rule it does best in the open ground, where the roots are not hampered. Some persons bed the plant out in summer at the north, and lift and store in the cellar during winter. Seedling plants often delay blooming till three years old.

Shrubs.—*Spireas*, *Weigela* and *Japau Quince* all do well planted out in a deep, rich, tenacious soil in a sunny situation. Any soil that will produce good grass or corn is rich enough to produce good shrubbery. Poor soil can be sufficiently enriched by spading in some well-decayed stable litter.

Wire Trellises.—Chicken wire is very desirable and convenient to use in constructing trellises for *Sweet Peas*, *Mau-randyia*, and other vines. The idea that the wire draws the heat and scorches the vines is not proven. The plants should cover the wire with foliage before the hot summer days come.

Alyssum Saxatile.—Seeds of this lovely perennial are not difficult to start, but are more tardy in germinating than those of the annual sort. They should be given the same care as *Sweet Alyssum*.

LILIES.

MAKE a Lily bed and it will extend itself for years, multiplying the number of bulbs every year. Lilies are hardy bulbs, if treated right, and persons in northern sections may not know that the pure white *Lilium Candidum*, Madonna Lily, is perfectly iron-clad. It looks delicate, but is quite enduring. Plant the bulbs nearly two feet under ground, in mellow soil, made of chip dirt, leaf mould, or thoroughly decayed cow manure mixed with sand. After they are covered over, put on a deep mulch of dry leaves, kept in place by chip dirt scattered over them, and if convenient put evergreen boughs over the soil, and let them alone. Lilies begin to grow soon after they are bedded out, and the green crowns of leaves appear waxy and tender, but in reality they are so hardy that they will stay frozen all winter and thaw out in the spring unhurt. Botanists say all Lilies are deep under ground in their native habitat. They also say the pure white Madonna Lily is a native of the mountains of Lebanon, hence its hardy constitution. Lilies of this kind ought to be planted as early in the fall as possible. They make their roots and crown of leaves before they have been in the ground six weeks, and the bloom stalks are sent up, bearing the beautiful, pure white Lilies in May in the South, and in June in the North. Lilies do much better left in one place for many years. They are impatient under the disturbing influence of resetting. The only time they can be safely taken up and reset is during the time that elapses when they cease blooming and die down to the ground, and early fall, when the tops begin to grow. That takes in the hot summer months, and it is easily to be seen that the bulbs will do better under ground, deep enough to keep cool, than if taken up. Lilies have a curious way of multiplying in top layers. This is shown when they have bloomed and the stalks turned yellow, when in removing or detaching them roots will be seen at the base of each. Take these stalks and bury them in some shady, damp place, and by fall small sized bulbs will have formed that in the second season will bloom. These flowers are so sweet and beautiful that they amply repay for the labor and expense of cultivation. There are other kinds of Lilies that are perfectly hardy, free to bloom, and that may be planted out, or potted, at any time the bulbs are procured. The *Amaryllis* class and the showy *Speciosum* Lilies are as sure to bloom as the old Tiger or Turk's Cap sorts, and the bulbs may be planted spring or fall, but fall is the preferable season. Mrs. G. F. Drennan.

New Orleans Co., La., Sept. 16, 1901.

POTS FOR BULBS.

IN planting bulbs, it is necessary to use a trifle of artistic discrimination. For instance, a large bulb of a gorgeous Tulip will become very showy in a three-inch pot, but would be out of place alone in a six inch pot. Nor would a single Hyacinth alone in a three-inch pot be very artistic, while a double Hyacinth with its large stock of bloom would be satisfactory in a small pot. Therefore, put double Hyacinths and Tulips in small pots. In a six-inch pot plant seven Tulips. In another six-inch pot put two Narcissus and three double or six single Hyacinth. A four-inch pot, having a white, a pink and a blue Hyacinth, makes a rich display. In fact, there is an unlimited opportunity for arrangement for delightful results. The Easter Lily bulbs want a large pot for each one. Georgina S. Townsend.

Los Angeles Co., Cal., Aug. 7, 1901.

Covering Wire Enclosures.—It is often necessary to enclose flower beds with wire netting to keep out the chickens, cats and dogs. These unsightly fences may be made beautiful by planting vines and training them to run on and around the wire. A bed of blue and white *Ageratum*, enclosed with wire two feet high, and covered with scarlet runner makes a lovely red, white and blue bed, that can hardly be excelled. Gladioli with Cucumber vines is another pretty spot. Morning Glories and Madeira Vines are charming for this purpose. Nasturtiums with their runners hanging over the wire are sufficient in themselves for one bed, giving color and grace. Thus we might name a long list of plants and vines, combining them, making an otherwise unattractive place, a place of beauty. E. B.

Worcester Co., Mass., Aug. 3, 1901.

Acalypha Sanderi.—In order to enable this plant to properly develop itself it should be given a well drained pot (proportionate to the size of the plant), and a compost of two thirds turfy loam, one third well decayed manure and a good sprinkling of bone dust. As soon as the pot becomes well filled with roots give liquid manure once a week, or else shift on into pots of a larger size. It must also be given a warm, moist atmosphere and a sunny situation, and as these are most essential to its well doing I don't think that it will prove to be adapted for the window garden, although as a warm greenhouse plant it cannot be too highly praised.

Chas. E. Parnell.

Queens Co., N. Y., July 13, 1901.

[NOTE.—Reports from those who have tried this *Acalypha* in the window would be of interest.—Ed.]

WILD ASTERS.

When crimson and gold are the green leaves of summer,
 And tangled and browning the red clover lies;
 When frosts on the meadows will blight each late-comer,
 And far to the Southland each sweet song-bird flies;
 When ripe grain is garnered, and harvest is over,
 And softly, yet wearily, falls the cool rain;
 When grapes ripe and purple call the bee, the late-rover,
 'Tis then the wild Asters will bloom in the lane.
 Those bonny blue Asters, those shy winsome Asters,
 Those sweet blue-eyed Asters will bloom in the lane.

The Goldenrod, airily, nods by the highways,
 The Sumach now flaunts its gay garnet and green,
 The winsome blue Gentian now blooms in the byways,
 But sweeter than all are the Asters, I ween.
 But she who has loved them, in peace now is sleeping
 In far away Southland, beneath the Jasmine,
 And lonely I wander, the old tryst still keeping,
 Among the wild Asters that our love entwine.
 Those bonny blue Asters, those shy winsome Asters,
 Those lonely wild Asters that our love entwine.

The summer is dead, and the days dark and dreary,
 Now misty and leaden the once sunny skies.
 E'en rustling of leaves 'neath the Maples sound weary,
 But bravely the Asters still 'ope their blue eyes,
 And she who has loved them, thus ever in shadow
 Or sunshine, would give of her heart's purest gold.
 Now peaceful she rests, and all lonely I wander,
 Among the wild Asters with hearts of pure gold.
 Those wild purple Asters, those shy winsome Asters,
 Those lonely wild Asters with hearts of pure gold.

Annice Bodey Calland.
Champaign Co., Ohio, Sept., 1901.
In memory of her sister, Mrs. E. M. Reeder.

HIDDEN MERIT.

A rough old thistle grew by the road,
 And the people who passed it by
 Looked at its awkward shape and said,
 With a disapproving eye:
 "I should think they would cut that thistle down
 Before it has gone to seed,
 I am sure that Nature can find no use
 For the noxious, prickly weed."

A Goldfinch balancing through the air
 In search of a place to stop,
 Came floating down on its yellow wing,
 And perched on the thistle top;
 And I heard it say, as I passed that way:
 "Now this is my favorite seed,
 And I'm sure that Nature was thinking of me
 When she grew this beautiful weed."

Florence Josephine Boyce.
Washington Co., Vt., Sept. 14, 1901.

NATURE'S WEDDING.

Years ago (if the fable is true),
 Dame Nature wedded a pair,
 The bride with eyes of the heaven's blue,
 And the groom with golden hair;
 And under the dome of the autumn skies
 No happier couple trod,
 Than sweet Miss Aster with azure eyes,
 And her good King Goldenrod.

And since that day (if the fable is true),
 Their many descendants share
 The mother's beautiful eyes of blue,
 And the father's golden hair;
 And every fall you will see them stand,
 Around on the wayside sod,
 Little Miss Asters, hand in hand,
 With a young King Goldenrod.

Florence Josephine Boyce.
Washington Co., Vt., Sept. 14, 1901.

TWO PICTURES.

I passed a grand and stately home,
 'Twas wondrous fair to see,
 It seemed to speak of wealth untold,
 Yet lonely seemed to me.
 No flowers upon the grassy lawn,
 No trees where wild birds nest
 And carol their sweet mating songs,
 That tell of their hearts' sweet rest.

I passed a little vine-clad cot,
 'Twas passing fair to me.
 Here Roses clambered o'er the porch,
 And wild birds sang in glee;
 With beauteous flowers everywhere,
 It seemed some fairy's bower,
 Far from the cities' strife and toil,
 Peace filled each tranquil hour.

Annice Bodey Calland.
Champaign Co., Aug. 14, 1901.

THE WANING YEAR.

With autumn tints the woodlands glow,
 Across the fields the soft winds blow,
 A golden haze envelopes all.
 And drowsily the faint notes fall,
 Or distant sheep-bells, on the ear,
 Low, sweet and distant, but yet clear;
 And springing from the sun-browned sod,
 Flames forth the gilded Golden Rod.

L. C. Bishop.
Clark Co., Ohio, Aug. 20, 1901.

FLOWERS.

In the meadows and woods they're growing,
 The flowers of many hues;
 And where woodland streams are flowing,
 There in the sun and dews.
 In the happy days of spring time,
 And in weather, dark and drear,
 Teaching us all a truth sublime,
 Bringing light, and hope, and cheer.

W. C. Molllett.
Marlin Co., Ky. Aug. 11, 1901.

BACHELOR BUTTONS.

O, beautiful Bachelor Buttons,
 The choicest blossoms of all,
 When others look saddened and dreary,
 You smile just as sweet in the Fall.
Coruana Co., N. Y. Mrs. E. D. Packney.

LATE BULB PLANTING.

ALL will agree, that for cost, time and worry, there is nothing that will give as great returns as bulbs, but sometimes one simply cannot order their supply early. No denying the earlier the better, but because you cannot order early, you need not wait until another year. Last year, I planted bulbs in October, in January and in March and received blossoms from all. The October planting gave the largest flowers, but the January planting gave me some nice blossoms, and one or two of the March-planted Dutch Hyacinths gave nice blooms, but bloomed after the Tulips. The March-planted Tulips did not blossom to do much good, because the sun was so hot by the time their buds swelled that it injured them. A hint as to late planting: Wait until the ground is thawed, and in some shape to cultivate, then, if the soil is not rather rich, mix in well rotted manure, sand and wood ashes until the soil is loose and warm. Next, plant your bulbs deep, twice as deep as if it were September or October, then give a good mulch of leaves, or coarse manure. Leave this mulch on a week or two longer than you leave it on the early planted bulbs. The deep planting and mulch left on long favors root formation before the bud forces. Some of the March bulbs, both Hyacinths and Tulips, were planted in a box, the box kept in a room by a heating stove. The Hyacinths did their best, poor things, and tried to bloom, but such short spikes, just two or three sweet bells, not near as nice as the bedded ones. October and early November is the best time for early planting, but late is better than none, even if you have no blooms next spring. The bulbs will be there ready for blooming the next year, and at such a small cost. By removing mulch from part of the bulbs at a time, one can have a succession of bloom, but do not delay the removing too late, unless the bed is shaded, else the sun will scorch the sweet things.

Emma C.

Vermillion Co., Ind., Sept., 1901.

[NOTE.—By late, deep planting and heavy mulching a display of Hyacinths and Tulips may be enjoyed two weeks or more after the ordinary spring bloom of these flowers has faded. The experiment is worth trying.—Ed.]

Chickens and Flowers.—My, how my little chickens grow! I feed them liberally with meal, but they just enjoy the fat Tea Rose buds, small Daisies, and for exercise transplant all my seedlings and dig out the potted plants for an imaginary worm. I have promised them a nice yard next year, then I can have beautiful flowers, for they were almost a failure this year on account of the chicks. Ima.

Geauga Co., Ohio, July 6, 1901.

THE POPPY FIELDS.

MANY of the tourists who come to Southern California in the winter, make up parties to go to the famous Poppy fields. They lie up in the foothills, between Altadena and Rubio Canon. Acres of rolling ground, which during the summer, or dry season, are brown and bare, turn to the lively green of the *Eschscholzia*, at the first heavy rains, and then spring into the most vivid color known in the floral world. The California Poppy is of a satiny texture, and its sheen, with a color so goldenly vivid, that the flaming fields can be seen at sea, thirty miles away. The flower is four-petalled, the leaves a silvery green, and the color of the flower indescribable. No artist has yet produced anything that is like it. Easterners find the California Poppy a great addition to their summer garden. It is an annual, easily grown from seed, and does particularly well during the droughty spells which occur in the eastern sections in mid-summer. Those which were growing in my yard bloomed all summer, because I watered them, but the Poppies in the field die down when the rains cease. I noticed that those which got the hot sun were of the vivid coloring, while with those on the north side, where the shade lay most of the day, that the coloring was faded, almost to white.

Georgina S. Townsend.

Los Angeles Co., Cal., Aug. 7, 1901.

Rudbeckia, Golden Glow.—Two years ago last spring I received by mail a *Rudbeckia* about six inches tall. It grew two feet the first year and had one blossom. Last year there were twenty stalks and over one hundred blossoms. This summer it is a mass of glorious golden bloom, which may be seen as far as the eye can reach. Today I counted forty stalks and between six and seven hundred blossoms, and buds of all sizes, enough to last till snow flies. I wish to divide the root and would like to know which would be the best time, fall or spring. It is a beautiful addition to any flower garden. If I were to start tomorrow for the Klondike region I think I would dig up my Golden Glow and carry it with me.

S. Minerva Boyce.

Washington Co., Vt., Sept. 4, 1901.

[ANS.—The very hardy character of the "Golden Glow" makes it possible to divide and reset the plants either in fall or spring. One season is as good as the other.—Ed.]

Oil for Callas.—To apply oil to Callas pour four or five drops on the earth next to the plant twice a week. This gives the leaves a glossy appearance. Sweet oil is best. Molly.

Cayuga Co., N. Y., July 31, 1901.

CINERARIAS OR CAPE ASTERS.

THESE are few handsomer pot plants when in bloom, than Cinerarias or Cape Asters. That is, if they are well-grown, well-fed and well-tended plants. A poor one is indifferent enough, and if not sharply looked after the aphids gets in its work, and spoils the plant. So it is not surprising that they have earned the name of being hard to grow, and are rarely seen. Yet they are not particularly difficult to succeed with, and they are so markedly different from the ordinary run of house plants, and so truly beautiful, that they are worth favoring a little. When growing luxuriantly, and showered regularly, so that the large, crumpled leaves have a chance to attain their best, the foliage is really attractive. Besides, this thick, clustered mass of leaves at the base, makes an admirable setting for the bright, graceful flowers that come up from the center of the plant. The blooms are large and Daisy-like, often showing two or three colors in the same flower. They sport in to many colors, purple, pink, carmine, violet, bright blue, lilac and white. A good specimen resembles a bouquet in itself. They are not at all hard to grow from seed. The seeds are rather small, and should be sown in boxes or pots. The seedlings grow best in fibrous soil, such as rotted sods, etc. Mix this with one-fourth clear sand, and rub the soil fine without sifting it. Cover the seeds but slightly, and keep moist, but not soaking wet. Do not sow until the weather becomes mild enough to allow of fresh air being given to the seedlings every day. There is no trouble of damping off when this is done, but much danger of it if neglected. They germinate quickly. When they have made two or three leaves they should be transplanted, using small pots at first, then shifting into larger. About the second shift, sink the pots into the open ground in a shady spot, and let them remain until the first of September. Now take them up, and if their pots are full of roots, as they probably are, shift into still larger pots. Begin to inure them to the house, so that when the days of stove heat come they may have already become wonted to a close atmosphere. This seasoning to an indoor environment is quite a factor in the successful treatment of them. Their large, many-nerved leaves catch dust badly. Shower their foliage often, to keep it clean. Keep a sharp lookout for aphids, and fight the first one that appears. After buds show, give weak manure water, the color of not over-strong tea. Give this once a fortnight. About November, good strong plants will begin to bloom, and their display will be kept up until

early summer of the next year. They are really short-lived perennials, and after blooming the pots can be filled to the tops with sand, kept wet, and after the branches have taken root, they can be separated and planted anew. Fresh starting from seeds is preferable. Remember that Cinerarias at all times like plenty of air, and that tobacco smoke is injurious to them. Unlike Geraniums, they will blossom well with little sunshine.

Lora S. La Mance.

McDonald Co., Mo., Sept. 5, 1901.

[NOTE.—Cinerarias cannot be grown in a close, hot atmosphere. They like a cool temperature and plenty of ventilation. Again, the plants must be shifted as soon as the pots fill with roots, to keep them from becoming stunted. If troubled with aphids, place some tobacco stems loosely over them for a day or two at intervals of three or four days.—Ed.]

Rudbeckia, Golden Glow.—The old gentleman called it Rebecca flower, and said it was just the loveliest thing he ever saw. He certainly was correct regarding its beauty. For general usefulness it is perfection. The roots are hardy, and it grows eight feet in a season. With us in California, it grows twelve feet, and the roots multiply rapidly and may be divided. The flowers appearing in August, between annuals and Chrysanthemums, are especially acceptable. The color is rich gold, the flower double, borne on long, tough stems, excellent for cutting, and no pests ever infest the plant. What more do you ask, perfume? Well no, it isn't fragrant, but then some people do want the earth.

Georgina S. Townsend.

Los Angeles Co., Cal., Aug. 7, 1901.

Calla Lilies in Paint Kegs.—I tucked a big bulb into an old paint keg, with lots of good prairie loam, and watered it when I gave the general watering. I never saw such an immense Calla as it is now, and it is sending out two great buds. I credit it all to the paint pot. It holds the moisture. The common flower pot is so porous that the rootlets dry out. These white rootlets we always find packed and coiled about close to the edge of the pot.

Kit Clover.

Dubuque Co., Iowa, March 27, 1901.

Cinerarias.—There is very little said in the Magazine about Cinerarias. If the Sisters could see mine loaded with beautiful flowers, I am sure they would all grow them for winter flowers. The only trouble I have in growing them is that little green fly, but by going over them two or three times a week and killing all I find the plants are large and the flowers beautiful. They need good light, a cool place, rich soil and plenty of water.

Mrs. Ellen H. Garlough.

St. Lawrence Co., N. Y., Feb. 5, 1901.

SAPONARIA OCYMOIDES.

BELONGING to the Pink Family we have the very beautiful trailing plant known botanically as *Saponaria Ocy-moides*, but sometimes called Rock Soapwort. The plants are readily propagated from seeds, which may be sown in the fall. The plants begin to bloom the second season, and will branch and spread until quite a large patch is covered. The flowers are produced in May, and appear in clusters in wonderful profusion, almost entirely hiding the foliage. They are of a pleasing pink color, and always admired.

For rock work, for cemetery planting, or for garden borders this lovely perennial is unsurpassed. The plants are entirely hardy, and will take care of themselves when not choked out by tenacious grasses. The engraving herewith will indicate the habit of the plant and the appearance of a cluster of the flowers.

Cupid Sweet Peas.—My first and only experience with Cupid, or Dwarf Sweet Peas, was in the summer of 1898. They were then advertised as a remarkable novelty, only the white variety being known. I planted them in the garden near the tall varieties, giving them exactly the same soil and treatment. They were somewhat slow in coming up and they grew very slowly and were a long time in coming into flower. They produced only a few flowers and soon were ready to die down, long before the tall varieties had begun to cease flowering. To my mind they were not in any way as desirable as the older varieties, and I have never tried to grow them since. Tastes will differ, and what is considered beautiful by one person may not appear at all pretty to another. The dwarf varieties of Sweet Peas may be desirable for growing where space is limited, but I much prefer the tall varieties.



SAPONARIA OCYMOIDES.

Martin Co., Ky., July 17, 1901.

Potting Crinums.—In potting Crinums let the neck protrude above the soil.

W. C. Mollett.

SWAINSONIAS AND JASMINE GRANDIFLORUM.

I AM very partial to Swainsonias and always have good success with them. They come as near being perpetual bloomers as any flower I know. The white is the loveliest of the two, although they grow and bloom equally well. They are much like the *Heliotrope* as to treatment. If they once become chilled, are allowed to dry out, or become too root-bound, it takes a long time for them to regain their customary vigor of growth. Although the soil should not be kept soggy, it must always be moist. I use chip dirt when potting them, and always give good drainage. They will grow and bloom in the shade, but will do much better in the full sunshine. The red and gray spiders are their worst enemies, but these may be kept at a distance by spraying the foliage daily with tepid water, or at least every sunshiny day. The sun should not shine on the foliage while wet. They bloom best when the pots are nearly filled with roots, but if allowed to become too pot-bound the leaves will turn yellow and fall. In a year from starting they will easily fill a ten-inch pot. This is as large as I allow them. When they become too root-bound in a ten-inch pot, I turn them out of the pot and cut off at least half of the root and old soil, then put back in the same pot with fresh soil and charcoal. A new growth of foliage soon starts, with a fresh supply of bloom.

Jasmine grandiflorum I treat in the same manner, and cut back the foliage when I cut back the roots. It is another perpetual bloomer. The blossoms are much sweeter than the *Swainsonias*, being a mingling of every sweet scent known.

Annice Bodey Calland.
Champaign Co., Ohio, Aug. 14, 1901.

[NOTE.—The *Swainsonias* are natives of New South Wales. They are leguminous, Pea-like vines of easy culture, and well deserve the above words of commendation. The flower clusters are not only showy upon the plant, but valuable for cutting.—Ed.]

CALIFORNIA VIOLETS.

HERE is something luscious about the word California, and its Violets are no exception to its rule of loveliness. They are single, a lovely blue, wide open and large, borne on long stems. A year ago, a niece gave me a clump from her garden. I separated the roots and put them in a bed around the biggest Palm in my front yard, where I have eight Palms, of three varieties. The bed was made quite rich, and after the rains began the Violets began to grow. In February the bed was a mass of plants, and every day I could pick a large handful of Violets. Their fragrance is indescribably delicious. The Violets here need only ordinary care, and thinning out when they get too thick. Mine were troubled with nothing. The California is a very hardy Violet, and does well with pot culture. I have Swanley white, Belle de Bruneau, Fanny Hume Campbell, and the purple very sweet English Violet, and one of a white shaded with lavender, but California is my favorite.

Georgina S. Townsend.

Los Angeles Co., Cal., July 11, 1901.

Russelia juncea.—Thoroughly discouraged and disgusted with my plant of *Russelia juncea*, after coaxing and petting it for a year, and finding it covered with aphids, and not a bud in sight, I set it out among some *Geraniums* in a bed near the stoop. The warm spring rains banished the aphids, and several of the long, fine branches rooted to the ground. One day I noticed it covered with reddish brown knobs, and also found that the chickens had picked off a great many that lay near the plant on the ground. Poor, neglected plant. It was soon given a place among my other plants, and was a beauty for weeks, each bloom over an inch in length, and a bright red color. It would have been almost impossible to have counted the blossoms, there were so many. Ima.

Geauga Co., Ohio.

[NOTE.—*Russelia juncea*, unlike *R. elegantissima*, is rather uncertain about blooming. The latter is sure to bloom under almost any conditions, is more showy, graceful and free-blooming, and is, in every way, one of the most beautiful and desirable of window plants. If you have it there will be no need of being annoyed with the older uncertain sort.—Ed.]

Castor Oil.—Castor Oil is of no benefit whatever to Callas, so don't apply it. Rather give them pots proportionate to the size of the bulb or plant, and a compost made up of one-third well rotted manure, and two-thirds turfy loam. During the winter months give a temperature of from 55 to 60 degrees, as light and sunny a situation as possible, and an abundant supply of water.

C. E. P.

Queens Co., N. Y., July 13, 1901.

TRAILING ARBUTUS.

ONE OF THE earliest, most beautiful, and best known of our spring wildlings in New Hampshire is the world-renowned Mayflower or Trailing Arbutus. This blossoms during April or the first of May. Sometimes the flowers will be almost pure white, others tinged with pink, and still others will be a deep pink. This flower is prized for its fragrance as well as for its beauty. In some localities it has become extinct, so ruthlessly has it been pulled up, roots and all. It is an exceedingly hard plant to transplant, but few being successful in making it thrive in its new home. Ethelyn.

Worcester Co., Mass., June 10, 1901.

QUIT WHITE BREAD.

Could not Get Strength from It.

An Episcopalian minister of Ellenville, N. Y., who is interested not only in the spiritual welfare of his congregation, but in their physical well-being also, says, "I can now do an immense amount of work and feel no fatigue, for the reason that I am using Grape-Nuts breakfast food and have quit coffee entirely and am using Postum Food Coffee.

Myself and family are all greatly improved in health. We have largely abandoned the use of white bread. Upwards of twenty-five persons have changed their diet, on my recommendation. It is gladly given, because I know, from personal experience, whereof I speak."

It is a well-known fact that white bread is almost entirely composed of starch and this is difficult of digestion by many people, particularly those who have weak intestinal digestion. The result of the use of much white bread is a lack of brain and nervous power to do mental work, and it also creates intestinal troubles, because the excess of starch ferments in the intestines and makes the conditions right for the growth of microbes; whereas Grape-Nuts breakfast food contains the needed starch, but in a predigested form. That is, it is transformed into grape sugar in the process of manufacture, and delivered in the packages, ready cooked, and in such shape that it is immediately assimilated without hard work of the digestive organs.

The food also contains the delicate particles of phosphate of potash which, combined with albumen, is used by nature to make the gray matter that must be in the cells of the brain and the nerve centers throughout the body, in order to give strength and ability to stand long and continuous work. Both the Postum Food Coffee and Grape-Nuts are sold by all first-class grocers.

PETUNIAS IN WINTER.

I WOULD advise all persons who fail to get their plants to bloom in winter, to try a few plants of the common Petunia. Late last summer I sowed seeds in a pot, and when they became large enough I transplanted them three in a pot. I had several pots setting on a box in the garden. They showed plenty of flowers, but I tried to keep them cut back. Twice I cut them nearly even with the soil. In the fall after frost came, I potted in fresh soil, cleaned off the dead leaves, and set them in the window. Today, Feb. 14, I notice one pot has twenty open flowers, each flower nearly three inches across, and quite fragrant. All they require is plenty of water and sunshine. They will stand considerable cold at night.

Frank Walter.

Monroe Co., Pa., Feb. 14, 1901.

Treatment of Maidenhair Fern.

—Here is the way I treat our native Maidenhair Fern. My brother found one in the woods, and lifting it, bodily, dirt and all, on a shovel, he brought it home. We had a nice box made, about 14 by 18 inches and 14 inches deep, filled it with sand, and set the Fern in the center. The box is under a big California Pepper Tree, where it gets a *little* sunshine in the morning, and no more until about four o'clock in the afternoon. The winter rains start it to growing, then I begin to water it and keep it up daily till the tops die down in the fall. It is indeed "a thing of beauty and a joy for"—several months every year.

Mrs. Willis Morrison.

Los Angeles Co., Cal., April 2, 1901.

Seedling Ferns.—Ferns are quite easily grown from seeds or spores, found on the under side of the fronds. Fill pots half full of drainage, then cover to half an inch of the top with sifted loam, leaf-mold and sand, in equal parts. Smooth the surface of the soil and place in a tub of water until thoroughly wet, then scatter the spores over, not too thickly, cover with glass or a piece of flannel and set away in a warm, shady place for two or three weeks, when the tiny plants will appear. If they require more water before the seeds sprout place in water as before, but do not disturb the soil by pouring water on. When large enough transplant into separate pots.

Jessie Lynch.

Yamhill Co., Oreg., Feb. 7, 1901.

Rooting Roses.—If those who have trouble rooting Roses will put a glass jar over the cuttings and let it stay until the Rose outgrows the jar, they will never have any more trouble rooting Roses.

Lillie Hicks.

Clark Co., Miss., Feb. 4, 1901.

BOX PLANTS.

WE MADE a new departure last year and bought some large plants of Box (*Buxus Sempervivum*). They have proved very satisfactory. They are perfectly hardy, and may be allowed to winter on the veranda, where they make a cheerful show, being evergreen. But, we kept ours to decorate the dining-room. This room is light but gets no sun in winter, consequently most plants are at a disadvantage there. Not so with the Box. Our plants are trained as a standard, three feet tall, and are as a pyramid, about two feet and a half high. They have been much admired all winter. We give them no special care, only water sparingly and keep the foliage clean and bright.

Mrs. W. A. Cutting.

Suffolk Co., Mass., May 9, 1901.

To Start Heliotrope.—Take a good slip and plant. Water sparingly and invert a glass tumbler over it, and it will be sure to grow.

Mrs. Hewlett.

Pocahontas Co., Iowa, Aug. 20, 1901.

ROSY COLOR.**Produced By Postum Food Coffee.**

"When a person rises from each meal with a ringing in the ears and a general sense of nervousness, it is a common habit to charge it to a deranged stomach.

I found it was caused from drinking coffee, which I never suspected for a long time, but found by leaving off coffee that the disagreeable feelings went away.

I was brought to think of the subject by getting some Postum Food Coffee, and this brought me out of trouble.

It is a most appetizing and invigorating beverage and has been of such great benefit to me that I naturally speak of it from time to time as opportunity offers.

A lady friend complained to me that she had tried Postum, but it did not taste good. In reply to my question she said she guessed she boiled it about ten minutes. I advised her to follow directions and know that she boiled it fifteen or twenty minutes, and she would have something worth talking about. A short time ago I heard one of her children say that they were drinking Postum now-a-days, so I judge she succeeded in making it good, which is by no means a difficult task.

Tom O'Brien, the son of a friend who lives on Bridge St., was formerly a pale lad, but since he has been drinking Postum, has a fine color. There is plenty of evidence that Postum actually does 'make red blood,' as the famous trade mark says." Jno. Chambers, 9 Franklin St., Dayton, Ohio.

WOMEN CURED BY SWAMP-ROOT.

Thousands of Women Have Kidney Trouble and Never Suspect it.

To Prove what the Great Kidney Remedy, SWAMP-ROOT, will do for YOU, Every Reader of Park's Floral Magazine May Have a Sample Bottle Sent Free by Mail.

Among the many famous cures of Swamp-Root investigated by Park's Floral Magazine, none seem to speak higher of the wonderful curative properties of this great kidney remedy than the one we publish this month for the benefit of our readers.

"You have no idea how well I feel, I am satisfied that I do not need any more medicine, as I am in as good health as I ever was in my life." So says Mrs. Mary Engelhard, of 2335 Madison street, St. Louis, Mo., to a reporter of the St. Louis Globe Democrat.

"For more than ten years I had suffered with what the doctors termed female trouble; also heart trouble, with swelling of the feet and limbs. Last summer I felt so badly that I thought I had not long to live. I consulted doctor after doctor and took their medicines, but felt no better. The physicians told me my kidneys were not affected, and while I

Did Not Know I Had Kidney Trouble, I somehow felt certain my kidneys were the cause of my trouble. A friend recommended me to try Dr. Kilmer's Swamp-Root, and I must say I derived immense benefit almost from the first week. I continued the medicine, taking it regularly, and I am now in splendid health. The pains and aches have all gone. I have recommended Swamp-Root to all my friends, and told them what it has done for me. I will gladly answer any one who desires to write me regarding my case. I most heartily endorse Swamp-Root from every stand-point. There is such a pleasant taste to Swamp-Root, and it goes right to the weak spots and drives them out of the system."

MRS. MARY ENGELHARD.

Swamp-Root will do just as much for any housewife whose back is too weak to perform her necessary work, who is always tired and

How to Find Out If You Need Swamp-Root.

how quickly your entire body is affected, and how every organ seems to fail to do its duty. If you are sick or "feel badly," begin taking the Great Kidney Remedy, Dr. Kilmer's Swamp-Root, because as soon as your kidneys are well they will help all the other organs to health. A trial will convince anyone.

Many women suffer untold misery because the nature of their disease is not correctly understood: in most cases they are led to believe that womb trouble or female weakness of some sort is responsible for their many ills, when in fact disordered kidneys are the chief cause of their distressing troubles.

Neuralgia, nervousness, headache, puffy or dark circles under the eyes, rheumatism, a dragging pain or dull ache in the back, weakness or bearing down sensation, profuse or scanty supply of urine, with strong odor, frequent desire to pass it night or day, with scalding or burning sensation,—these are all unmistakable signs of kidney and bladder trouble.

If there is any doubt in your mind as to your condition, take from your urine on rising about four ounces, place it in a glass or bottle and let it stand twenty-four hours. If on examination it is milky or cloudy, if there is a brick-dust settling, or if small particles float about in it your kidneys are in need of immediate attention.

Other symptoms showing that you need Swamp-Root are sleeplessness, dizziness, irregular heart, breathlessness, sallow, unhealthy complexion, plenty of ambition but no strength.

Swamp-Root is pleasant to take and is used in the leading hospitals, recommended by physicians in their private practice, and is taken by doctors themselves, because they recognize in it the greatest and most successful remedy that science has ever been able to compound.

If you are already convinced that Swamp-Root is what you need, you can purchase the regular fifty-cent and one-dollar size bottles at the drug stores everywhere. Remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton, N. Y.

overwrought, who feels that the cares of life are more than she can stand. It is a boon to the weak and ailing.



MRS. MARY ENGELHARD.

It used to be considered that only urinary and bladder troubles were to be traced to the kidneys, but now modern science proves that nearly all diseases have their beginning in the disorder of these most important organs.

The kidneys filter and purify the blood—that is their work. So when your kidneys are weak or out of order, you can understand how quickly your entire body is affected, and how every organ seems to fail to do its duty.

If you are sick or "feel badly," begin taking the Great Kidney Remedy, Dr. Kilmer's Swamp-Root, because as soon as your kidneys are well they will help all the other organs to health. A trial will convince anyone.

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If you are already convinced that Swamp-Root is what you need, you can purchase the regular fifty-cent and one-dollar size bottles at the drug stores everywhere. Remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton, N. Y.

Sample Bottle Sent Free by Mail.

SPECIAL NOTICE—Swamp-Root, the great Kidney, Liver and Bladder remedy, is so remarkably successful that a special arrangement has been made by which all our readers who have not already tried it may have a sample bottle sent absolutely free by mail. Also a book telling all about kidney and bladder troubles and containing many of the thousands upon thousands of testimonial letters received from men and women cured by Swamp-Root. Be sure and mention reading this generous offer in *Park's Floral Magazine* when sending your address to Dr. Kilmer & Co., Binghamton, N. Y.



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BRIEF ANSWERS.

Various Things.—The best time to plant the Crimson Rambler Rose is in the spring. ** Heliotropes thrive and bloom better in an exposed position than in a shady place. ** The Rose bed should be kept clean of weeds, and mulched, unless you wish to carpet it with verdure to keep the soil cool and moist. In that case Kenilworth Ivy (*Linnaria cymbalaria*) is one of the best plants that can be used. The plants are easily grown from seeds.

Lily of the Valley.—Pips of Lily of the Valley imported from growers in Germany may be purchased of dealers in November or early December, and can be bedded out at once. They are entirely hardy, and will come into bloom in the spring. If lifted after frozen and brought to a cool room the flowers will appear late in winter. If potted and kept where the ground will freeze, then brought to the window, the flowers may be developed in mid-winter.

Bird of Paradise.—Seeds of Bird of Paradise, Poinciana, usually germinate readily when they are fresh. When old and dry they will require several weeks to sprout. It is generally a good plan to soak the seeds for a day in warm water before planting. Plant the seeds edgewise, and avoid watering too freely. Seedling plants usually come into bloom the second season.

Sacred Lily.—The Chinese Sacred Lily will grow for a season after blooming, but then the leaves wilt and die. Water should be withheld, and the bulb given a season of rest, as soon as the leaves show signs of fading. It is better to get and plant new bulbs each season. Bulbs that have bloomed in winter are not reliable for blooming another.

Rubber Trees.—Lately it is fashionable to train the Rubber Plant into tree form. To do this cut the top off, and encourage the growth of branches from the stem, eight or ten inches from the ground. The dense growth of large leaves which is produced by the new branches is always greatly admired.

Wormwood.—The plants of Wormwood are easily raised from seeds. Sow in the spring, where you wish the plants to grow, and shelter until the seedlings are large enough to take care of themselves.

Tecoma Smithii.—This is a shrubby vine, hardy in the South, but requiring protection North. It is readily grown from seeds, and bears lovely, showy trumpet-shaped flowers during the autumn.

Thimble Berry.—The Thimble Berry is probably the Black-cap Raspberry, the large fruits of which are not unlike a thimble in general appearance.

Mr. Park:—I think your Magazine is appreciated wherever it is known. I have taken it eleven years. I have also taken a number of others, and have yet to find one as good as yours. I like it because what you find in it can always be relied upon. When you recommend anything one can always depend upon finding it just as you say. I have 150 pot plants, but would want the Magazine if I hadn't a flower.

Mrs. M. S. Wallace.
Yates Co., N. Y., March 24, 1901.

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handsomely illus-
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CHILDREN'S CORNER.

Dear Mr. Park:—Mamma has taken your Mag-
azine for eight years, and she likes it very much.
I like to read the letters in the Children's Cor-
ner. I am nine years old. I am a little Mormon
rl. I go to school, and am in the third grade.
or pets, I have a cat and two chickens. My
amma got flowers from you. I love flowers
ry much. In the summer mamma picks flow-
ers and lets me take them to all the old ladies in
own, and they like them very much.

Dora Jessop.

Cache Co., Utah, Feb. 28, 1901.

Dear Mr. Park:—I am a little girl ten years
old. My mother is dead and father is a section
reman. I stay with my grandma. I like to
read the Children's Corner. For pets, I have a
ow, a little calf, and four cats. I love flowers,
and I am going to have a flower garden this year.
have a canary bird. I call it Reetie. It is nine
ears old. My mother loved flowers, and she
sed to read your Magazine.

Pauline F. Sanders.

Summers Co., W. Va., March 3, 1901.

Dear Mr. Park:—I have your flowers in grand-
a's garden. I have not been out in the garden
o see them for a long time, so I do not know
whether they have brought forth flowers or not.
I am a little girl seven years old. I have two
rothers, one is nine and the other five. My
amma and papa were to the Buffalo Exposi-
on this summer. Yours truly,

Florence Chester Johnson.

Bergen Co., N. J., Sept. 11, 1901.

Dear Mr. Park:—I am a little girl thirteen
ears old. I live on a farm, and have a great
any pets. I have a pony, a Russian rat, a cat,
dog, a flying squirrel, a rabbit, a duck and
ens. Mamma takes your Magazine, and I en-
oy reading the letters in the Children's Corner.
hope this letter will find its way there. I go to
chool and am in the sixth grade. I love flowers
ery much and raise a great many.

Allegany Co., N. Y.

Pearl Isaman.

Dear Mr. Park:—I am a little girl seven years
ld, and go to school. I am in the second grade.
dearly love flowers. I have a little flower gar-
en every summer, and take a bouquet to my
each er every morning. I have two pet cats. I
like Tulips best. I have one sister. We are go-
g to get a parrot.

Margaret Speirs.

Tama Co., Iowa, Feb. 26, 1901.

Dear Mr. Park:—This is Washington's birth-
ay and also mine. I am twelve years old today.
Ve have been getting your Magazine for several
ears. I always like to read the children's let-
ers. I go to school every day, and I am in the
fth grade. I have a pet cat and his name is
eke.

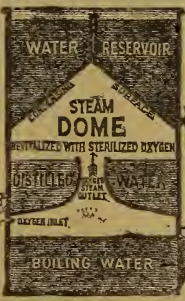
Nellie C. Rohrer.

Washington Co., Md., Feb. 22, 1901.

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For a few hours' work. Girls
send your name and address and
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Diamond Set, Rolled Gold
Collar Buttons to sell at only
10 cents each. Every one you
meet or offer them to will buy
one or more. When sold send
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DOLL**, in rich high, imported
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doll has a beautiful, turning,
bisque head; pearly teeth; long,
golden curly hair; natural, sleep-
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dressed in silk; real slippers,
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SILKS enough for quilt 50 cts. Hand-some package 12 cts. JERSEY SILK MILL, Box 32, Jersey City, N. J.

GOSSIP.

Dear Band:—A floral friend called one day, and after I had shown her some beautiful specimen plants, which were growing in tin cans, my pride fell several degrees when she remarked, "Ima, do try and get earthen pots for your cans, those tin cans hurt the looks of them." I never quite forgave her for telling me of it, so thought I would write and tell you about it. I have seen, this summer, a Rubra Begonia with strong thrifty canes eight feet high; a bulb of Amaryl-lis Johnsoni with two flower stalks, having four blooms to each stalk, the bulb as large as a pint bowl; a Bird of Paradise plant eight feet tall, and having clusters of bloom as large as a dinner plate. The tails of the miniature Birds were four inches long. A Calceolaria with blooms two inches across, the seed having come direct from England. An amateur collection of Tea Roses, where you could have picked a peck basketful of beautiful Roses of all colors. All these plants were more handsome because I did not possess them. Ima.

Geauga Co., Ohio, July 10, 1901.

Floral Sisters:—While rambling in the woods one day last fall, I found three plants which were new to me. The first was a vine, the leaves of which looked like Moonflower leaves. The blossoms were blue, in clusters, shaped like a Potato blossom. The next was a plant of variegated Catnip, the foliage being cut deeper than the green variety. Some of the leaves were pure yellow, the rest yellow and green variegated. The last plant was a species of Moss, the fronds being six inches long, and of leathery texture. It occupies a prominent place among my flowers. Ima.

Geauga Co., Ohio, Jan. 24, 1901.

Dear Band:—I called on Nabbie Frost the other day. Now, Nabbie had called on me early in the spring and I gave her a peck basketful of slips, rooted plants, and bulbs. If she had gone to a greenhouse those same plants would have cost her two dollars. Why, Nabbie, I said, where are all those plants I gave you. "Oh!" says she, "the slips did not root and those that were rooted, rotted, the chickens ate the bulbs, and I am coming after some more some day, soon." That was too bad, was what I said, but I will not write what I thought. Can you guess, Ima.

Geauga Co., Ohio, July 10, 1901.

Mr. Editor:—Solylic acid is recommended by some to preserve fruit without cooking, but my experience with it is that it is unfit for the stomach. I nearly died from the effects of the poison, which was not immediate, and I discovered what ailed me only after I learned of the nature of the powder. Mrs. M. E. McKee.

Co., N. C., July 8, 1901.

Have You Asthma in Any Form?

Medical Science at last reports a positive cure for Asthma in every form in the wonderful Kola Plant, a new botanic discovery found on the Congo River, West Africa. Its cures are really marvelous. Rev. J. L. Combs, of Martinsburg, W. Va., writes that it cured him of Asthma of fifty years' standing, and Hon. L. G. Clute, of Greeley, Iowa, testifies that for three years he had to sleep propped up in a chair, being unable to lie down night or day from Asthma. The Kola Plant cured him at once. To make the matter sure, these and hundreds of other cures are sworn to before a notary public. To prove to you beyond doubt its wonderful curative power, the Kolo Importing Co., No. 1164 Broadway, New York, will send a large case of the Kolo Compound free by mail to every reader of PARK'S FLORAL MAGAZINE who suffers from any form of Asthma. All they ask in return is that when cured yourself you will tell your neighbors about it. Send your name and address on a postal card, and they will send you a large case by mail free. It cost you nothing, and you should surely try it.

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CORRESPONDENCE.

Mr. Park:—I wish to renew my subscription for the Magazine, which gives me as much pleasure as ever, and to tell how magnificent a display was made by the Christmas Hyacinths. I planted them in a box in front of my office, and through the late cold spring they bloomed continuously, one spike succeeding another until the box was a mass of rich color and perfume. They gave us a vast amount of pleasure, not only to me, but to the patrons of my office. I was careful to say my bulbs were from Park. I never saw such magnificent spikes of bloom so large and abundant. I counted thirty-six blossoms on one alone. My Tulips, too, made a much finer showing than last season, and were much admired. A most beautiful white one with a streak of gold in each petal, bloomed for the first time. Unfortunately, the weather was not propitious, and some of them dried on the stem before blooming. But all that came to maturity were lovely.

Mrs. Gertrude Hall.

Placer Co., Cal., June 19, 1901.

Mr. Park:—Your Magazine is the best of its class. As times are close, I have discarded others, but shall still continue to subscribe for yours, as I consider it the best.

Mrs. Phebe Bailey.

Lewis Co., Ohio, Aug. 9, 1901.

REAL ESTATE FOR CASH

or Exchange. All kinds. Anywhere. **Pay no Agents, sell it yourself,** regardless of a mortgage, by our New, successful system. Many Customers waiting. Send description and price. Full particulars with large, extensive Catalogue of property for sale and exchange in United States and Canada, for 15 one-cent stamps. Bank references.

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More money can be made representing us than at any other business in America today. We put up a magnificent leather rolled outfit, handsomely lined with ten sample pieces of the celebrated **Rogers Silver Plated Ware**. This outfit costs us \$3.00. You can make money with it. We will send you this outfit and our 23-page catalogue, containing over 3,000 illustrations, by express, C. O. D., all charges prepaid. You can examine everything, and if you are perfectly satisfied that what we say is true, pay the Express Company \$1.00. If not, it can be returned without costing you one cent. We have a great many agents who make over \$100.00 a month. Send us your full name and address, and ask us to send you the complete outfit, confidential prices, illustrated catalogue, order blanks, in fact, everything necessary to do business with. The catalogue gives the retail prices on everything. We allow you to keep one-half the money received on your sales. Address: **STANDARD SILVERWARE CO., Dept. 219, Boston, Mass.**

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FREE We give a **Tortoise Shell Back Comb** to you free for sending us names of 25 ladies in your town. Send 4c stamps for postage. Illustrated **Hair Goods Catalog free.** **Reliance Fashion Co., 814 W. Monroe Street, Chicago, Ill.**

LADIES to do plain needlework for us at home. We furnish materials and pay \$7 to \$10, per week. Send stamped envelope to **STANDARD CO., Indiana Ave., Chicago, Ill.**

LADIES something new making sofa pillows at home, \$7 to \$12 weekly; materials furnished, no canvassing experience unnecessary; steady employment. Send stamped address envelope **HOUSEHOLD MFG. CO., Erie St., Chicago.**

LADIES WANTED to work on **SOFA PILLOWS** Materials furnished. Steady work guaranteed, experience unnecessary. Send stamped envelope to **Miss S. McGee, Needle Work Dept., IDEAL CO., Chicago, Ill.**

GOODY-GOODY-chewing gum, genuine receipt \$1.00. You can sell this receipt anywhere for \$50. Stamp for particulars. **W. H. Rohrbach, R. 29, Lincoln, Neb.**

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A NEW CURE FOR

KIDNEY AND BLADDER

Diseases, Rheumatism, etc.

Disorders of the Kidneys and Bladder cause Bright's Disease, Rheumatism, Gravel, Pain in the Back, Bladder Disorders, difficult or too frequent passing water, Dropsy, etc. For these diseases a Positive Specific Cure is found in a new botanical discovery, the wonderful Kava-Kava Shrub, called by botanists, the Piper Methysticum, from the Ganges River, East India. it has the extraordinary record of 1,200 hospital cures in 30 days. It acts directly on the Kidneys, and cures by draining out of the Blood the poisonous Uric Acid, Lithates, etc., which cause the disease.

Rev. John H. Watson, testifies in the "New York World", that it has saved him from the edge of the grave when dying of Kidney disease and terrible suffering when passing water. Mr. Calvin G. Bliss, North Brookfield, Mass., testifies to his cure of long standing Rheumatism. Mr. Jos. Whitten, of Wolfboro, N. H., at the age of eighty-five, writes of his cure of Dropsy and swelling of the feet, Kidney disorder and Urinary difficulty. Many ladies, including Mrs. C. C. Fowler, Locktown, N. J., and Mrs. Sarah Sharp, Montclair, Ind., also testify to its wonderful curative power in Kidney and allied disorders peculiar to womanhood.

That you may judge of the value of this Great Discovery for yourself we will send you one Large Case by mail Free, only asking that when cured yourself you will recommend it to others. It is a Sure Specific and can not fail. Address, The Church Kidney Cure Company, 521 Fourth Ave., New York.



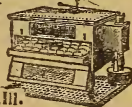
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\$5 FOR AN INCUBATOR.

to any incubator made for hatching. Costs less because it's smaller. **THE 50 EGG BANTLING SPECIAL** is guaranteed as to results, if you follow instructions. 20th Century Poultry Book explains all. Sent for ten cents. Write for it at once.

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HIS LIFE, BY GENERAL GROSVENOR.

Life-long Friends, War Comrades, Colleagues in Congress. Others clearing 100 weekly. The General requires each sale for McKinley Monument Fund, thus subscribers become contributors to the Fund. Official book, wanted State and District Managers. Send 24 cts. in stamps for elegant outfit. **THE CONTINENTAL ASSEMBLY, Washington, D.C.**



916 CARDS NEW Sample Styles ENVELOPE, 50th Prince 90 New Songs, 100 Rich and Easy Jokes, 100 Fun Card, 100 New Cards and 1 Acquaintance Cards, Standard Beau Catches, &c. All for 2 cents. **CROWN CARD CO., B15 Columbus, Ohio.**

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you can earn big money selling our specialties. We have 9 of them. Send 4c. for samples and full particulars.

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FORTUNE TELLING TAUGHT
Send 25c in silver for full instructions. Lucky Talisman FREE if you mention this paper. **PROF. E. FRYE, 105 Washington St., CHICAGO.**

Astrology FREE. I tell your future, love, trouble and success. **PROF. RAPHEL, Binghamton, N. Y.**

CORRESPONDENCE.

Mr. Park:—In the June Magazine is an extract from an English journal wherein the new Dwarf or Bush Sweet Pea is seemingly much condemned. I do not think this must be taken too literally. The writer only wants to show his eternal devotion to the older sort where the two are called into question. He does not impute any high crimes or misdemeanors to the latter. A dwarf is not to blame for his stature. The Cupid Sweet Peas were of course a delusion and a snare, ungratefully disappointing all those who were prepared to receive them with open arms. If these newcomers are of the same family, they have done well to discard the name and correct the vices of their ancestors. It was with some misgiving that I gave place to them, some in the open border facing west, a poor selection, and some in window boxes, outside the eastern windows. Here they did the best, growing thrifty and well, being more sheltered, I suppose. If courteously offered a little support, they do not refuse, but do not ask for it. The flowers appear nearly as large as those of the climbing race, though the plants were, some of them, only a few inches high. The colors thus far appearing follow the same repertoire of the older sort, but probably more limited. While it is true the old favorites "have climbed into and twined around our hearts" to such an extent that we would never displace them, I see no reason to refuse hospitality to these strangers. They ask but simple bed and board and no attendance. **Snape dragon.**

Kings Co., N. Y., June 30, 1901.

MILLIONS IN OIL! \$15 buys 500 shares stock. Payable \$5 monthly. Par value \$1 per share. Write for Prospectus. **Pacific States Oil Company, Colville, Wash.**

Drunkenness Cured!
Package Sent Free.



Any woman can cure her husband, son or brother of liquor drinking by secretly placing this remedy in his coffee, tea or food without his knowledge, as the remedy is entirely odorless and tasteless. Any good and faithful woman can wipe out this fearful evil and permanently stop the craving for liquor, as did Mrs. R. L. Townsend, Box 13, Swartz, La. For years she prayed to her husband to quit drinking, but finally found that it was impossible for him to do so with his own free will, as he was an inveterate drinker, and hearing of this remarkable cure she determined to try it. Mrs. Townsend says that before she gave her husband half a box of Milo Tablets he lost all desire for whiskey; the sight or odor of whiskey now makes him deathly sick. It is surely a wonderful discovery that cures a man without his knowledge or intention. Mrs. Townsend's word of gratitude is only one of the thousands in possession of this company. Any one who will send their name and address and a 2c. stamp to cover postage to the Milo Drug Co., 70 Milo Building, St. Louis, Mo., will receive by mail, sealed in plain wrapper, a free package of this wonderful remedy and full instructions how to cure the drink habit.

GOSSIP.

Roses in Florida.—I have an acre of Roses now in bloom. My Marechal Niel is a mass of buds, and running ten feet, this year's growth. Madame Lambert here is a magnificent Rose. I have several of them over eight feet tall. An old Rose now rarely mentioned is Beau Car nine. I have 50 bushes of those, many over six feet, and all of them a mass of carmine buds. I cut from them daily by handfulls. Another Rose, simply perfect in color, is our common Lamarque. It runs over everything, and blooms the year round. I have all of twenty of these Roses. Paul Neyron, Capt. Hayes, Jules Finger, and Duchess de Brabant are all in bloom as I write. W. R. T.
Escambia Co., Fla., Dec. 15, 1900.

Dear Flower Friends:—I am not given to flattery, but I think Mr. Park deserves all the prosperity and popularity that may come to him, as he has done more for flower-lovers and gardeners than any other man in America, by placing seeds at such low prices, within the reach and means of all. Who would live without flowers, when a few pennies' worth of seeds will beautify our homes, cheer the gloomy days and sad hearts, and add happiness to our lives. I can remember when our choicest flower seeds, which we can now get at three cents a packet, cost from ten to twenty cents. May success attend the flower business until every man, woman and child is interested in it.

Crawford o., Pa. Mrs. J. L. Wykoff.

Dear Floral Friends:—Why can we not organize a Floral Society for the further introduction of flowers into flowerless homes, and create a more earnest desire for home improvement? Let us turn the Nabby Frosts into Susie Sunbeams. We might have our dear Floral Magazine for headquarters, and Mr. Park the editor. Then we could get better acquainted. What do you think of it Floral Sisters, and you, too, Mr. Park? Is it a bargain?

Edging.—One thing I intend trying this spring is edging my beds with Parsley and Sweet Alyssum. I will tell you how I like the effect later.

MAGAZINE APPRECIATED.

Dear Mr. Park:—Your Magazine is most highly appreciated in our home. and as we have taken it for years, we feel we cannot get along without it. Mr. Geo. Bett.
Atchison, Co., Kas., Oct. 17, 1901.

CONSUMPTION CURED.

An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections; also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, the recipe, in German, French or English, with full directions for preparing and using. Sent by mail, by addressing, with stamp, naming this paper, W. A. NOYES, 847 Powers' Block, Rochester, N. Y.

A FINE KIDNEY REMEDY.

Mr. A. S. Hitchcock, East Hampton, Conn. (The Clothier) says if any one suffering from a Kidney or Bladder disease will write him he will tell them what he used. He is not a dealer in medicine and has nothing to sell or give—just directs you to a perfect cure.

OX-BLOOD TARIFFS

lock. Pleasant to take. Thin people gain 10 lbs. a month. If you are thin and a sufferer, try it. Three weeks treatment. **FREE.** Luclose 10¢. Or postcard—we send tablets prepaid.

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**FULL SIZE
HIGH GRADE
SEWING MACHINE**

guaranteed for **20 YEARS**.
Drop Head Cabinet hand-
somely finished in carved
oak. This machine is made in the
best factory in the world and
has all latest improvement—
high arm, quilter, etc. and is ex-
actly like this picture, as shown
on table of machine with hand-
some set of silver ornaments.
TO INTRODUCE our
Pills in every town and village
we give this liberal offer of a
High Grade Sewing Machine to every person who will sell only
boxes of our celebrated **Herba Cura Pills** at 25c. a box
SEVEN (7) BOXES. You need do send your name
and we send the Pills postpaid. When sold in under money and
we will at once send the liberal offer of the Sewing Machine
described above absolutely **FREE**, together with a hand-
some **SILVER PLATE TABLE SET**. Our object is to
introduce our **Herba Cura Pills** known in your neighbor-
hood. They are a sure cure for Headache, Constipation,
Indigestion, etc. We are reliable and guarantee the **Sew-
ing Machine**; and the **Silver Table Set**, which we give you.
is all that we claim—Landsome and durable. Why buy a
cheap machine and get one free? Send your name
at once, also P.O. address and nearest express office. We pay
all express and packing charges. You have no other expense.
Herba Cura Drug Co., Dept. A.E., 98 Maiden Lane, New York.



Free Beauty Producer!

A Trial Package Free

This new discovery not only produces a permanent, clear and refined complexion, but smoothes out the lines of time that creep about the eyes and mouth; it rounds



out the hollow places, cleans the skin of all imperfections, such as pimples, freckles, sallow complexion, red nose, blotches, etc., and brings on a radiant, perfect beauty. It is not a face powder, cream, cosmetic or bleach, and contains neither oil, grease, paste or poisons of any kinds, but a purely vegetable discovery, and leaves the skin soft and velvety.

MISS VIOA HILL of Pattonville, Mo., writes: "I was so embarrassed with blackheads and pimples that I would not go into society. I flooded my home with complexion remedies, but my complexion defied them all. I sent for a package of Beauty Producer, and in two weeks' time there was no trace of a pimple, black-head or blotch on my face or neck. My skin is without blemish or wrinkle anywhere." Anyone sending their name and address and cents to cover postage, to Mr. Josephine LePlare, 45 Hall Bldg., St. Louis, Mo., will receive a free package of this wonderful beautifier in a sealed wrapper by mail prepaid.

GOLDEN SACRED LILY.—The true large-flowered Golden Sacred Lily, I offer at 5 cents each, 50 cents per dozen. Mailed. Sure to bloom in water or pots. Address GEO. W. PARK, Libonia, Pa.



Here's a simple method to reduce fat permanently. Harmless as water; any child can take it.

IF YOU
ARE

TOO FAT

ago I took your treatment and in less than 3 months **I LOST 70 LBS.** in weight and have not gained an ounce since." Miss Grace Smith, of Linden, N. Y. writes: "Five years ago I took the Hall Treatment and was reduced **38 POUNDS** in weight. The reduction is permanent, as I have not gained an ounce in weight since then." We will give **\$100 in gold** to any one who can prove that any of our testimonials are not genuine. **DON'T** do anything or take any thing until you hear from us; we have something important to tell you about how to **MAKE REMEDY AT HOME** at a trifling cost, and also other valuable information. To any reader of this paper who will write to us at once we will send full particulars **Treatment Free** in plain sealed package and a few days' upon receipt of four cents to cover postage, etc. Correspondence strictly confidential. Ad. all letters to Hall Chemical Co., Dept. 150, St. Louis, Mo.

HYACINTHS AND TULIPS.

Hyacinths, 10 bulbs in ten best varieties, Single, all colors, as follows:

Gertrude, lovely rich pink bells in erect, massive trusses; excellent either in pots or beds.
Gigantea, exquisite waxy rose, large bells in giant trusses; a grand window or garden sort.
General Pelissier, superb large spikes of graceful bells; fine rich crimson scarlet color.
Baroness Van Thuyll, lovely snow-white bells in large, compact trusses; one of the best sorts.
Voltaire, waxy white with bluish tint; handsome bells and large showy spikes; very fine.

The lot, 10 bulbs, blooming size, fine for out-door planting or for pots, 25 cents; large bulbs, the best for window culture, 50 cents.

HYACINTHS, 3 bulbs, Double, as follow: **Noble par Merite**, superb deep rose, fine bells, on very large, erect spike; splendid. **La Tour d'Auvergne**, pure white magnificent bells, well set, forming a large, showy spike. **Double Charles Dickens**, rich violet-blue bells, extra large truss, elegant; the finest color. The lot, 3 bulbs, 15 cents, or two lots 25 cents.

Tulips, 10 fine bulbs, Single Early, in 10 splendid varieties, as follows:

L'Immaculee, pure white shading to yellow at base; petals broad and showy, early, very fine.
Rose Tendre, splendid pink, handsome large flowers, one of the finest; very early.
Lac Van Rhijn, superb violet with white border; one of the best of its color; hardy and fine.
Crimson King, brilliant crimson, large and showy; an exceedingly attractive sort.
Duchess de Parma, orange red with yellow band; large and handsome flowers; very desirable.

The lot, 10 bulbs, 15 cents, or two lots for 25 cents.

Tulips, 4 Double and 3 Parrot, in the finest varieties, as follows:

La Candeur, pure white, large and very double; the best double white Tulip.
Rex Rubrorum, rich crimson, scarlet, large, full.
Duke of York, elegant rosy purple, edged white.
Yellow Rose, rich golden yellow, large double flowers with rose-like fragrance.

The lot, 7 bulbs, 15 cents, or two lots for 25 cents.

The 10 Single Hyacinths, 3 Double Hyacinths, 10 Single Early Tulips, 4 Double Tulips and 3 Parrot Tulips, 40 bulbs in all, mailed for only 60 cents. Order and plant this month. The bulbs are all sound, hardy, sure to bloom either in house or garden, and will give good satisfaction. You will never regret the small outlay. Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

Camellia.—How shall I start seeds of Camellia Japonica? I have tried many ways, but without success.—Mrs. S., Mich.

TO WOMEN WHO DREAD MOTHERHOOD!

Information How They May Give Birth to Happy, Healthy Children Absolutely Without Pain—Sent Free.

No woman need any longer dread the pains of child-birth; or remain childless. Dr. J. H. Dye has devoted his life to relieving the sorrows of women. He has proved that all pain at child-birth may be entirely banished, and he will gladly tell you how it may be done absolutely free of charge. Send your name and address to Dr. J. H. Dye, Box 137, Buffalo, N. Y., and he will send you, postpaid, his wonderful book which tells how to give birth to happy, healthy children, absolutely without pain; also how to cure sterility. Do not delay but write to-day.

Dolichos.—Will some one who knows tell us if the Dolichos Bean is edible or suited for cooking? If it is, the vine, which is beautiful, will be of still greater merit.—H., D. C.

DISCOVERED BY A WOMAN

I have discovered a positive cure for all female diseases and the piles. It never fails to cure the piles from any cause or in either sex, or any of the diseases peculiar to women, such as leucorrhoea, displacements, ulceration, granulation, etc. I will gladly mail a free box of the remedy to every sufferer. Address MRS. C. B. MILLER, Box 189, Kokomo, Ind.

LADIES I Make Big Wages —AT HOME—

and you can readily do the same, for the work is pleasant and will easily pay \$18 weekly. I have often made \$5 a day. Even your spare time is valuable. This is no deception. I want no money and will gladly send full particulars to all sending 2c stamp. MRS. A. H. WIGGINS, Box 23, Benton Harbor, Mich.

EXCHANGES.

NOTICE.—Each subscriber is allowed three lines one time in twelve months. Every exchange must be wholly floral. Insertion not guaranteed in any certain month. Right reserved to exclude any exchange, or cut it down as the exigencies of space demand. All lines over three must be paid for at advertising rates. All letters received should be answered in order to avoid misunderstanding and dissatisfaction.

Mrs. Eva Wivell, Shelton, Wash., has various plants to exchange for others. Please write.

Lucretia Renfro, Quitman, Ga., has rooted dwarf Cape Jasmine to ex. for fancy-leaf Ferns, Dracena, Croton, or any fine and rare plant; send.

Mrs. J. W. Sproul, Fairfax, S. Dak., will ex. Tiger Lilies, Blue Iris, Golden Glow, and Mexican Primrose for bulbs of Gladiolus, Dahlia and Dielytra; send.

Mrs. Eva Francis, Lake Creek, Tex., has Caladium and three varieties Canna bulbs to ex. for rooted Roses, Coleus and spotted-leaved Geraniums; send.

Mrs. H. Baars, Oldham, S. Dak., will ex. Rat-tail Cactus and Hoya Carnosa for Everblooming Roses, Sweet Violets, hardy Ferns, or Lilies of the Valley.

Mrs. H. T. Holden, Ashtabula, O., has Agapanthus and Amaryllis Johnsonst to ex. for Lilliums Washingtonianum, Brownii, Pardalinum and Crinum.

Mrs. M. Ash, Hammonston, N. J., will ex. pink Althea and Century Plant for Rainbow Cactus and C. giganteus; write.

Miss A. L. Palnus, Hibbetts, O., will ex. water Hyacinths and other plants for nice plants of any kind, or Rhododendron. Don't write, but send; label.

Mrs. Auld, 735 W. Chicago Ave., Chicago, Ill., has seeds of choice annuals, and Mex. and Colo. wildflowers crop 1901, to ex. for Pelargoniums and Cactuses; send.

Mr. Park.—We look eagerly for the dear little Floral Magazine every month, and read it with great pleasure. Mrs. J. W. Wilson.

Blaine Co., Okla., Oct. 13, 1901.

Mr. Park.—Park's Floral Magazine is the most welcome of all the publications I receive. I have obtained from it more information and instruction concerning flowers than from all other floral journals put together. John G. Froidel.

Sheboygan Co., Wis., May 6, 1901.

FITS Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for **FREE \$2.00** trial bottle and treatise. Dr. R. H. KLINE, Ltd., 931 Arch Street, Philadelphia, Pa.

PIMPLES and Blackheads removed in 4 to 6 days. Perfectly Harmless. Never fails. Send 10 cts. Specific Remedy Co., Dept. M, Cleveland, O.

WHEN WERE YOU BORN ?

Send birth date and stamp and I will tell your fortune by the STARS and bring success in business or love. Wonderful mysteries revealed. If you send 10c I will also send description of person you should love and copy of my wonderful magazine of New Ideas. Prof. S. U. Astro, Box 3683, Phila., Pa.

HINDER CORNS

The only sure cure for corns. Stops all pain. Ensures comfort to the feet. Makes walking easy. Don't hobble about suffering with corns on your feet when you can remove them so easily with HINDER CORNS. Sold by Druggists or sent by mail for 15 cts. by Hiscox Chemical Works, Long Island City, N. Y.

WHY NOT ?

Order a Family Medicine Case and "The Home Physician" and experience Economy and Convenience. They are "Active Principle" Medicines (not the ordinary) Physicians use them for quick and sure results. No. 1 Case \$5. No. 2 Case \$3. Book free with either Case. For 6 cents—stamps—We send 25 cent box of our "After Dinner Pill" Cures Stomach and Liver Diseases. Write for Agency. THE HOME REMEDY Co., 619 Austell Building, Atlanta, Ga.

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A remarkable discovery whereby everyone afflicted with FAILING EYE SIGHT, BLINDNESS OR CATARACTS, can be permanently cured at home by mild medicines and without the use of the knife. 13,000 cases of eye diseases cured last year by Dr. Coffee's wonderful absorption treatment. An 80-page book "The New System of Treating Diseases of the Eye," sent free to all who write for it.

DR. W. O. COFFEE, 871 Good Elk., Des Moines, Ia.

NEW CURE FOR FITS

If you suffer from Epileptic Fits, Falling Sickness or St. Vitus' Dance, or have children or friends that do so, my New Discovery will CURE them, and all you are asked to do is to send for my FREE REMEDIES and try them. They have cured thousands where everything else failed. Sent absolutely free with complete directions, express prepaid. Please give AGE and full address.

DR. W. H. MAY,
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A Painless Home Treatment for Cancer, Tumors and Scrofula, by a scientific vegetable compound. Consultation at office or by mail FREE. They will give or mail free to anyone interested a 100-page book that contains much valuable information about the workings of this wonderful remedy. Address or call on

W. Cancer Institute, 121 W. 42d St. New York City.

FREE RUPTURE CURE!

If ruptured write to Dr. W. S. Rice, 1000 Main St., Adams, N. Y., and he will send free a trial of his wonderful method. Whether skeptical or not get this free method and try the remarkable invention that cures without pain, danger, operation or detention from work. Write to-day. Don't wait.

OPIUM and Lignor Habit cured in 10 to 20 days. No pay till cured. Write DR. J. L. STEPHENS CO., Dept. P. 6, Lebanon, Ohio.

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DR. INCE having made a study of the menstrual periods for the past twenty years, offers his peerless treatment FREE to all anxious women. Address with stamp. DR. INCE, Buffalo, N. Y.

THE LADY DOCTORS STATE YOUR TROUBLE WRITE IT AND BE CURED AT HOME OUR REMEDY GIVES RELIEF IN 24 HOURS. Address Woman's Medical Institute, Dept. 25, Detroit, Mich.

WILD OLIVE in use 16 years. cured over 50,000 Women of female weakness. FREE SAMPLE. Victor Medical Assn., Dept. B, South Bend, Ind.

MOTHERS Enuresis cures Bed-wetting, Sample free. Dr. F. E. May. Box 209, Bloomington, Ill.

LADIES who desire a Monthly Remedy that cannot fail will please address with stamp DR. STEVENS, BUFFALO, N. Y.

LADIES A friend in need is a friend indeed. If you want a remedy that never fails address THE WOMAN'S MEDICAL HOME, Buffalo, N. Y.

MOTHERS PEN-INE is a safe and sure cure for Bed-Wetting. Sample Free. MO. REMEDY CO., St. Louis, Mo.

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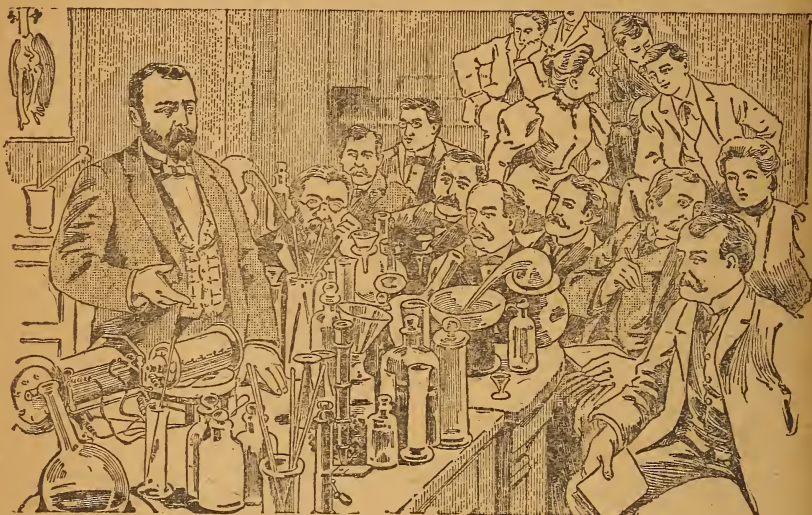
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